

#### ABSTRACT OF THE DISCLOSURE

A method for reproducing AV data in an interactive mode using a markup document includes dividing an operation state of a presentation engine for reproducing the markup document into a start state, a reproduction state, a pause state, and a stop state. In the reproduction state, the presentation engine performs a preloading process for reading the markup document into a memory, a loading process for interpreting the markup document and loading the markup document on a display screen, and an interacting process for facilitating an interaction between the markup document and a user